THE COMMISSIONER OF PATENTS AND TRADEMARKS WASHINGTON, D.C. 20231

Sir:

Transmitted herewith for filing is the Utility patent application of:

INVENTORS: Michihiro HORIUCHI and Katsumi IWATA

DATA PROCESSOR FOR:

Enclosed are:

- ≥ 21 sheets of □ formal □ informal drawings.
- ☑ A Notice of Priority to claim priority dates of May 14, 2001.
- An assignment of the invention to Hitachi, Ltd. and Hitachi Hokkai Semiconductor, Ltd.
- ⋈ An Executed Declaration

☑ The filing fee is calculated as shown below:

| For | Numbi | R FILED | Number Extra | RATE | CALCULATIONS |
|--|-------|--------------|--------------------------------|---------|--------------|
| TOTAL CLAIMS | 22 | -20 | 2 | x\$18 = | 36.00 |
| INDEPENDENT CLAIMS | 4 | -3 | 1 | x\$84 = | 84.00 |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) +\$280 = | | | | | \$0.00 |
| | | | BASIC FEE | | \$740.00 |
| TOTAL OF ABOVE | | | 860.00 | | |
| REDUCTION BY 1/2 FOR FI IF APPLICABLE, VERIFIED | | | : 37 C.F.R. §§ 1.9, 1 27, 1.28 |) | |
| | | MOST BETT MC | 11112 | TOTAL | 860 00 |

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| fees. A duplicate copy of this paper is enclosed. | | |

- A check in the amount of \$900.00 to cover the filing and assignment recordation fees is enclosed. X
- Ø The Commissioner is hereby authorized to charge any additional fees associated with this communication, including patent application filing fees and processing fees under 37 C.F.R. § 1.16 and 1.17, or credit any overpayment to Deposit Account Number 08-1480.

Stanley P. Fisher

Egistration Number 24,344

JUAN CARLOS A. MARQUEZ Registration No. 34,072

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March 4, 2002